

# TECHNICAL DATA SHEET

## QH EVEROLL™ A 5000 SERIES

ALUMINUM SHEET ROLLING FLUID, NON-SOAP EMULSION TECHNOLOGY

QH EVEROLL™ A 5000 series is a unique non-soap emulsion technology that prevents both metallic soap buildup and metal sludge formation for a clean mill environment, consistent fluid performance and excellent surface quality.

### Applications

QH EVEROLL™ A 5000 series is ideal for both reversing & tandem mill applications.

Suitable for the full range of aluminum rolling alloys.

Ideal for applications requiring high quality surface finish including anodizing quality.

### Recommendation for Use

QH EVEROLL™ A 5000 series recommended in-use oil concentration range is 3-6% depending on the type of mill. The optimal in-use oil concentration is determined by the specific process but should not fall below 3%.

Usage and application recommendations are dependent on specific rolling mill conditions and material characteristics. Our technical service team can help define the optimal usage parameters for your unique application.

### Health, Safety and Handling

Please consult the product specific Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

### The Benefits

- Keeps mills clean by preventing soap buildup and sludge formation, with good fines dispersal resulting in easy filtration.
- Consistent fluid performance with low foam, no break-in period and only minimal tank-side additions required.
- Low product consumption with good bio-resistance.
- Excellent surface quality and cleanliness minimizes rejects.
- Extends roll life and protects equipment through excellent lubricity and good corrosion prevention.
- Multi-alloy performance through powerful lubrication and surface protection package.
- Minimizes waste through low skimmings volume and reduced dumping frequency.

### Properties

PROPERTY	TYPICAL VALUE*		UNIT
	BREAKDOWN MILL	FINISHING MILL	
Product Appearance	Clear Amber	Clear Amber	Visual
Sap. Value	43-62	77-129	mgKOH/g
Specific Gravity at 15°C	0.92	0.92	
Viscosity at 40°C	30-45	40-60	cSt
Typical operating particle size diameter	0.7-1.0	1.0-1.5	µm

\*These values represent typical properties across the QH EVEROLL™ A 5000 series. Please refer to the product specific TDS for data pertaining to a specific formulation.

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.

